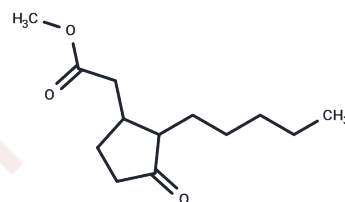


Methyl dihydrojasmonate

Chemical Properties

CAS No. :	24851-98-7
Formula:	C ₁₃ H ₂₂ O ₃
Molecular Weight:	226.31
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Methyl dihydrojasmonate (Kharismal) is an ester and a diffusive aroma compound, with the smell vaguely similar to jasmine. In racemic mixtures the odor is floral and citrus while epimerized mixtures exhibit a dense fatty floral odor with odor recognition thresholds of 15 parts per billion.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 60 mg/mL (265.12 mM), Sonication is recommended. (< 1 mg/mL refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.4187 mL	22.0936 mL	44.1872 mL
5 mM	0.8837 mL	4.4187 mL	8.8374 mL
10 mM	0.4419 mL	2.2094 mL	4.4187 mL
50 mM	0.0884 mL	0.4419 mL	0.8837 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

da Silva GB, et al. Int J Nanomedicine. 2014 Feb 11;9:867-76.

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